

## CLAIM AMENDMENTS

1           1. (original) A plug (1) of a coaxial plug-in  
2 connection, which can be joined to a cable (5) and a corresponding  
3 coupler, especially an antenna plug, with an outer conductive  
4 sleeve (3) made of a conductive material and an insulator (8)  
5 disposed within a plug sleeve area of the outer conductive sleeve  
6 (3) having a contact pin (9), characterized in that a seal element  
7 (7) is disposed between the outer conductive sleeve (3) and the  
8 outer sheath of the cable (5) at the end facing away from the  
9 contact pin (9) and that the plug sleeve (4) has a seal (10) or a  
10 seal surface.

1           2. (original) The plug (1) of a coaxial plug-in  
2 connection according to claim 1, characterized in that the seal  
3 (10) is disposed at its end of the plug sleeve (4) facing the cable  
4 (5) and that the seal surface is provided at the free end of the  
5 plug sleeve (4).

1           3. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the claims~~ claim 1 [[or 2]],  
3 characterized in that the seal (10) is formed as a seal ring having  
4 a ring surface (11) with a reduced diameter facing the free end of  
5 the plug sleeve (4).

1           4. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the previous claims~~ claim 1,  
3 characterized in that the seal (10) is disposed on the outer  
4 periphery of the plug sleeve (4) and is attached to a seal surface  
5 of a plug-in sleeve of a coupler.

1           5. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the previous claims~~ claim 1,  
3 characterized in that on the outer periphery of the plug sleeve (4)  
4 a contact sleeve (12) is disposed attached to the plug-in sleeve of  
5 the coupler.

1           6. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the previous claims~~ claim 1,  
3 characterized in that the outer conductive sleeve (3) is placed in  
4 a holder (2), wherein the holder (2) has a locking slider (18)  
5 engageable behind a bulge-like enlargement (13) on the outer  
6 conductive sleeve (3).

1           7. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the previous claims~~ claim 1,  
3 characterized in that the seal element (7) overlaps the outer  
4 conductive sleeve (3) and is attached seal up to the holder (2).

.1           8. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the previous claims~~ claim 1,  
3 characterized in that the outer conductive sleeve (3) has a  
4 shoulder (14) attached to a restriction (15) at the holder (2).

1           9. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the previous claims~~ claim 1,  
3 characterized in that the locking slider (18) has two fingers (17)  
4 reaching through openings (16) in the holder (2) up to both sides  
5 of the bulge-like enlargement (13) on the outer conductive sleeve  
6 (3).

1           10. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the previous claims~~ claim 1,  
3 characterized in that the locking slider (18) has a support body  
4 (25) on which the fingers (17) are mounted, wherein at the support  
5 body further at least two clips (19) are provided corresponding to  
6 recesses (20) at the holder (2).

1           11. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to claim 10, characterized in that several  
3 recesses (20) disposed in series in the locking direction are  
4 provided.

1           12. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the previous claims~~ claim 1,  
3 characterized in that a seal (21) is provided at the support body  
4 (25) and/or at one support surface of the holder (2) facing the  
5 support body.

1           13. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the previous claims~~ claim 1,  
3 characterized in that the seal (21) is formed as a seal ring  
4 disposed in a groove of the support body (25) or the support  
5 surface.

1           14. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the previous claims~~ claim 1,  
3 characterized in that the holder (2) has on its surface facing the  
4 support body (25) a recess (26) corresponding in about to the  
5 thickness and the outer contour of the support body (25).

1           15. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the previous claims~~ claim 1,  
3 characterized in that the holder (2) has a plug neck (22) attached  
4 to a coupling guide of a holder of the coupler, wherein the plug  
5 neck (22) has a seal ring (23) or a seal surface.

1           16. (currently amended) The plug (1) of a coaxial plug-  
2 in connection according to ~~one of the previous claims~~ claim 1,  
3 characterized in that the holder (2) has a locking element (24)  
4 attached to a locking counter part at the holder of the coupler.

1           17. (original) A coupler (1) of a coaxial plug-in  
2 connection, which can be joined to a cable (5) and a corresponding  
3 plug, especially an antenna coupler, with an outer conductive  
4 sleeve (3) made of a conductive material and an insulator (8)  
5 disposed within a plug-in sleeve area of the outer conductive  
6 sleeve (3) having a contact element (9), characterized in that a  
7 seal element (7) is disposed between the outer conductive sleeve  
8 (3) and the outer sheath of the cable (5) at the end facing away  
9 from the contact element (9) and that the plug-in sleeve (4) has a  
10 seal surface (10) or a seal.

1           18. (original) The coupler (1) of a coaxial plug-in  
2 connection according to claim 17, characterized in that the seal  
3 surface (10) is disposed at the free end of the plug-in sleeve (4)  
4 and that the seal is provided at its end of the plug-in sleeve (4)  
5 facing the cable (5).

1           19. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the claims~~ claim 17 [[or  
3 18]], characterized in that the seal surface (10) has an outer  
4 chamfer (11), a ring surface (12) and an inner chamfer (13).

1           20. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the previous claims~~ claim  
3 17, characterized in that the seal surface (10) is disposed inside  
4 the plug-in sleeve (4) and attached to a seal at a plug sleeve of  
5 the plug.

1           21. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the previous claims~~ claim  
3 17, characterized in that within the plug-in sleeve (4) a contact  
4 sleeve (14) is placed attached to the plug sleeve of the plug.

1           22. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the previous claims~~ claim  
3 17, characterized in that the outer conductive sleeve (3) is placed  
4 in a holder (2), wherein the holder (2) has a locking slider (21)  
5 engageable behind a bulge-like enlargement (15) on the outer  
6 conductive sleeve (3).



1           23. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the previous claims~~ claim  
3 17, characterized in that the seal element (7) overlaps the outer  
4 conductive sleeve (3) and is attached seal up to the holder (2).

1           24. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the previous claims~~ claim  
3 17, characterized in that the outer conductive sleeve (3) has a  
4 shoulder (17) attached to at least a restriction (18) at the holder  
5 (2).

1           25. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the previous claims~~ claim  
3 17, characterized in that the locking slider (21) has two fingers  
4 (20) reaching through openings (19) in the holder (2) up to both  
5 sides of the bulge-like enlargement (15) on the outer conductive  
6 sleeve (3).

1           26. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the previous claims~~ claim  
3 17, characterized in that the locking slider (21) has a support  
4 body (29) on which the fingers (20) are mounted, wherein at the  
5 support body (29) further at least two clips (22) are mounted  
6 corresponding to recesses (23) at the holder (2).

1           27. (original) The coupler (1) of a coaxial plug-in  
2 connection according to claim 26, characterized in that several  
3 recesses (23) disposed in series in the locking direction are  
4 provided.

1           28. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the previous claims~~ claim  
3 17, characterized in that a seal (24) is provided at the support  
4 body (29) and/or at one support surface of the holder (2) attached  
5 to the support body (29).

1           29. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the previous claims~~ claim  
3 17, characterized in that the seal (24) is formed as a seal ring  
4 disposed in a groove of the support body (29) or the support  
5 surface.

1           30. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the previous claims~~ claim  
3 17, characterized in that the holder (2) has on its surface facing  
4 the support body (29) a recess (28) corresponding in about to the  
5 thickness and the outer contour of the support body (29).



1           31. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the previous claims~~ claim  
3 17, characterized in that the holder (2) has a coupling guide (25)  
4 attached to a plug neck of a holder of the plug, wherein the  
5 coupling guide (25) has a seal surface or a seal.

1           32. (currently amended) The coupler (1) of a coaxial  
2 plug-in connection according to ~~one of the previous claims~~ claim  
3 17, characterized in that the holder (2) has a locking element (27)  
4 attached to a locking counterpart at the holder of the plug.